

Description

A two-component cold-applied colour stable resin which cures to form a seamless waterproofing solution.

Use

Developed for the waterproofing refurbishment of mechanically sound architectural sheet roofs and the treatment of cut edge corrosion.

Key Features

- Cold-applied, forming a seamless waterproofing membrane.
- Suitable for full roof waterproofing refurbishment or the treatment of cut-edge corrosion on existing roof sheeting.
- Available with coating options aligned to warranty term, offering up to 20 years.
- UV-stable membrane formulation.

Product Information

Chemical base:	A two-part pigmented acrylic polyurethane containing aromatic hydrocarbon and glycol ester solvents.
Volume solids:	50%.
Typical thickness:	50 microns dft from 100 wft.
Theoretical coverage:	Refer to system application rates.
Practical coverage:	Reduced by up to 20%.
Appearance:	Satin sheen / full coverage range.
Colour range:	Goosewing Grey (other RAL/BS/NCS shades to order, subject to minimum quantity).
VOC content:	EU limit value for this product (cat A/j): 500g/l (2010). This product contains max 500 g/l VOC.

Application Information

Mix ratio: 1 unit of Activator to 1 unit of Base.
Mix thoroughly for at least 5 minutes until the product is smooth and even. Allow to rest for 5 minutes before using. Do not mix part units. Poorly activated or incorrectly mixed material will affect performance and may cause early failure or discolouration.

Application summary:

15 Year System:
Caltech MetPrime @ 15m²/l per coat
Caltech Metedge (reinforced side and end laps)
Two coats of Caltech Metcoat @ 0.1 ltr/m² per coat, 10 m²/ltr per coat

20 Year System:
Caltech METPrime @ 15m²/l per coat
Caltech Metedge (reinforced side and end laps)
Two coats of Caltech Metcoat @ 0.15 ltr/m² per coat, 6.66 m²/ltr per coat

For Aesthetics Only:
Caltech METPrime @ 15m²/l per coat
Two coats of Caltech Metcoat @ 0.1 ltr/m² per coat

For Cut Edge Corrosion Only:
Caltech MetPrime @ 15m²/l per coat
Caltech Metedge (reinforced side and end laps)
One coat of Caltech Metcoat @ 0.1 ltr/m²

Coverage rates will depend on surface roughness and absorbency.
Refer to project specifications in all cases for full material listing and method of application.

Method of application: Airless spray, or short pile mohair roller (small areas can be brushed).

Application temp: 3°C minimum and rising.
MetPrime is 5°C and rising (curing times will otherwise be adversely affected).

Substrate temperature: Beware of condensation. At least 3°C above the dew point and maximum humidity = 85%.

Pot Life: Material in opened containers should be applied without delay.

Drying time:	Temperature 20°C	Touch Dry 1 hour	Hard Dry 8 hours	Overcoating time Min. 8 hours - Max. 48 hours
Inclement weather:	In the event of rainfall, stop work immediately and do not resume until the surface is dry. Where a curing membrane is subjected to rainfall, the surface can become pitted.			
Cleaning:	Eurorooft Solvent			

Surface Preparation

All coated/metal profile surfaces to establish type, degree of corrosion, inter-coat adhesion, and overall condition.

Adhesion test areas should be prepared using the St Andrews Cross Cut method to establish the suitability of coating and whether a primer is required. Adhesion tests should be carried out on all sides of the building, but south facing orientation is likely to be worst case condition.

The substrate must be sound, dry, clean and free from all deleterious materials. Substrates must be properly prepared and primed as required. Primers must be used and allowed to cure as detailed in the relevant product's technical datasheet.

Storage & Handling

Can be stored unopened in dry condition, well-ventilated place above freezing and out of direct sunlight. If the contents have been opened, reseal ensuring the lid is airtight. It is recommended that the product be stored under warm conditions prior to application at temperatures below 10°C to improve application.

Pack size:	10 litres (solid colours)
Flash point:	>32°C
Product weight:	1.25 +/- 0.05 kg/litre (mixed)
Shelf life:	5 years in unopened containers at moderate temperatures

Limitations

- Do not apply onto damp substrates. Prior to application, care should be taken to thoroughly dry off any surface condensation that may be present.
- Application of excessive material may result in down-glossing and other film defects.
- Do not use in confined spaces without sufficient mechanical ventilation to comply with Occupational Exposure Limits.
- Overcoat within 48 hours otherwise sanding and/or solvent washing may be required to maintain intercoat adhesion.
- Class "O" fire rated only when applied directly onto a non-combustible substrate.

Minimum Precautions for all Paints

- Avoid skin and eye contact i.e. wear gloves, goggles, etc
- Ensure good ventilation, mechanical if necessary.
- Store and use away from heat and flame.
- Refer to the supply container for additional warning labels.

Health & Safety

Copies of Alumasc Safety Data Sheets can be downloaded from the Alumasc Roofing [website](#).